

ABSTRACT OF THE DISCLOSURE

A sealing structure for a fuel cell and/or an electrolyzer, in particular a solid electrolyte fuel cell and/or a solid electrolyte electrolyzer, wherein the sealing structure (14a, 14b) is arranged between adjoining separator plates (7, 8) of a cell stack (1), wherein the sealing structure (14, 14a, 14b) is embodied in at least two layers and has at least one insulating layer (14a) and at least one sealing layer (14b), wherein the insulating layer (14a) is arranged on a separator plate (7, 8).